



ENCORE LBI5IP



User Manual

©2022 ADJ Products, LLC all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ADJ Products, LLC logo and identifying product names and numbers herein are trademarks of ADJ Products, LLC. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ADJ Products, LLC brands and product names are trademarks or registered trademarks of their respective companies.

ADJ Products, LLC and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.



DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version	DMX Channels	Notes
05/31/2022	1.0	1.03	4 / 7 / 8 / 13 / 16 / 60 / 63 / 69 / 72 / 120 ch.	Initial Release.

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

TABLE OF CONTENTS

Introduction	4
Limited Warranty (USA Only)	5
Warranty Registration Features	6
Safety Guidelines	7
Overview	8
Installation	9
Manual Tilt Adjustment	12
Accessory Installation	13
Remote Device Management (RDM)	14
Wifly Control	15
Control Panel	16
System Menu	17
DMX Setup	21
DMX Traits	23
Pixel Zones	30
Color Macros Chart	31
Dim Modes	33
Daisy Chain Power Linking Cleaning and Maintenance	34
Dimensional Drawings	35
Specifications	36

INTRODUCTION

Unpacking: Thank you for purchasing the Encore LB15IP by ADJ Products, LLC. Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to have been damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The ADJ Encore LB15IP is a DMX intelligent, IP65-rated LED bar. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

Customer Support: Contact ADJ Service for any product related service and support needs. Also visit forums.adj.com with questions, comments or suggestions.

Parts: To purchase parts online visit:

<http://parts.adj.com> (US)

<http://www.adjparts.eu> (EU)

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST

Voice: 800-322-6337 | Fax: 323-582-2941 | support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET

Voice: +31 45 546 85 60 | Fax: +31 45 546 85 96 | support@adj.eu

ADJ PRODUCTS LLC USA

6122 S. Eastern Ave. Los Angeles, CA. 90040

323-582-2650 | Fax 323-532-2941 | www.adj.com | info@adj.com

ADJ SUPPLY Europe B.V

Junostraat 2 6468 EW Kerkrade, The Netherlands

+31 (0)45 546 85 00 | Fax +31 45 546 85 99

www.americandj.eu | info@americandj.eu

ADJ PRODUCTS GROUP Mexico

AV Santa Ana 30 Parque Industrial Lerma, Lerma, Mexico 52000

+52 (728) 282-7070

CAUTION! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact ADJ Products, LLC.

Do not discard the shipping carton in the trash. Please recycle when ever possible.

LIMITED WARRANTY (USA ONLY)

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service, you must obtain a Return Authorization number (RA#) before sending the product back—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall incur no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because it was not properly maintained as set forth in the product instructions, guidelines and/or user manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic checkup. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And all warranties, whether expressed or implied, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Product, LLC be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/or inability to use this product.
- G. This warranty is the only written warranty applicable to ADJ Products, LLC products, and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- Non-LED Lighting Products = 1-Year (365 Days) (Including Special Effect Lighting, Intelligent Lighting, UV lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, Power/Data Distribution, etc. excluding LED and lamps)
- Laser Products = 1-Year (365 Days) (excluding laser diodes which have a 6-Month Limited Warranty)
- LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
- NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased within the United States.
- StarTec Series = 1-Year (365 Days) (excluding batteries which have a 180 Day Limited Warranty)
- ADJ DMX Controllers = 2 Year (730 Days)
- American Audio Products = 1 Year (365 Days)

WARRANTY REGISTRATION

The Encore LB15IP carries a 2 year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

FEATURES

The ADJ Encore LB15IP is a versatile LED bar with fifteen (15) 20W Quad LEDs (4-IN-1: Red, Green, Blue & Lime), and a 12.4-degree beam angle. It is IP65 outdoor rated to protect against, rain, snow and dust for temporary outdoor events. It offers flicker free operation for TV and film and linear color temperature control from 2700K - 7000K.

INCLUDED ITEMS

- Double Faced Frost Filter (x1)
- Glare Shield (x1)
- Power Cable (x1)

IP RATING

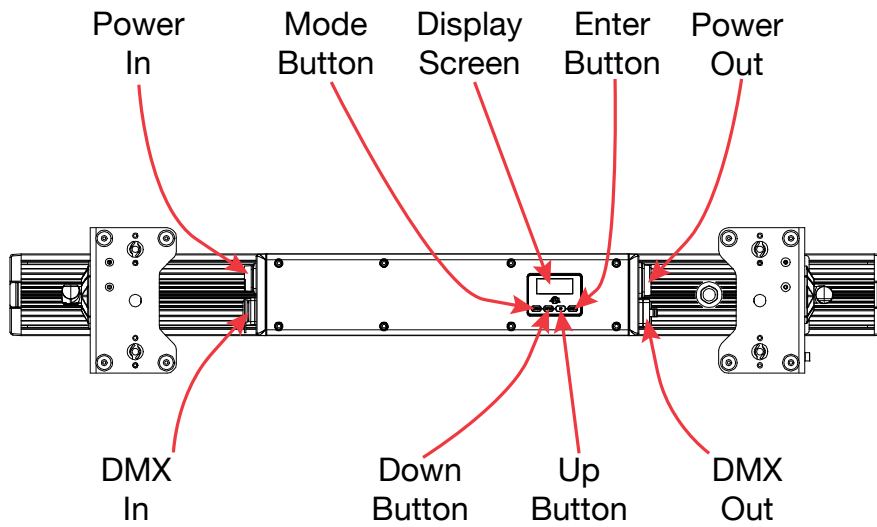
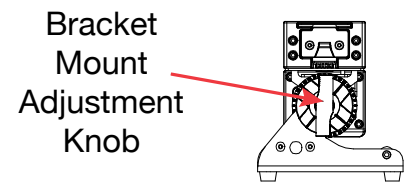
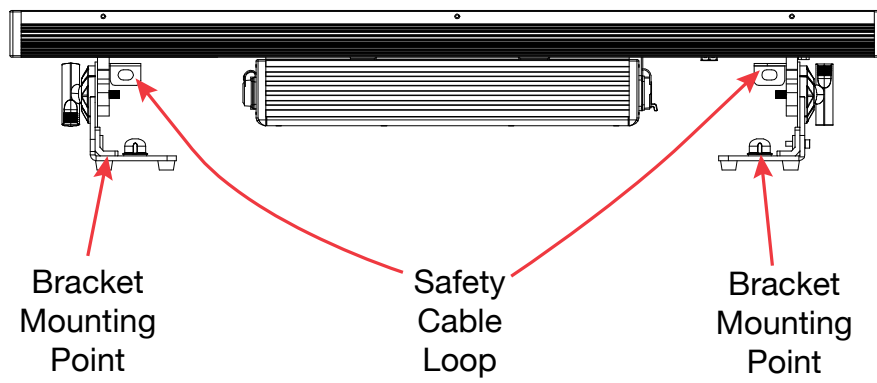
An IP rated lighting fixture is commonly installed in outdoor environments and has been designed with an enclosure that effectively protects the ingress (entry) of external foreign objects such as dust and water. The Ingress Protection (IP) rating system is commonly expressed as “IP” followed by two numbers (i.e. IP65), where the numbers define the degree of protection. The first digit (Foreign Bodies Protection) indicates the extent of protection against particles entering the fixture and the second digit (Water Protection) indicates the extent of protection against water entering the fixture. **An IP65 rated lighting fixture, such as this one, has been designed and tested to protect against the ingress of dust (6) and low-pressure water jets from any direction (5).**

SAFETY GUIDELINES

THIS FIXTURE IS COMPOSED OF SOPHISTICATED ELECTRONIC COMPONENTS. TO GUARANTEE SMOOTH OPERATION, IT IS IMPORTANT TO FOLLOW ALL INSTRUCTIONS AND GUIDELINES IN THIS MANUAL. ADJ PRODUCTS, LLC IS NOT RESPONSIBLE FOR INJURY AND/OR DAMAGES RESULTING FROM THE MISUSE OF THIS FIXTURE DUE TO THE DISREGARD OF THE INFORMATION PRINTED IN THIS MANUAL. ONLY QUALIFIED AND/OR CERTIFIED PERSONNEL SHOULD PERFORM INSTALLATION OF THIS FIXTURE AND ONLY THE ORIGINAL RIGGING PARTS INCLUDED WITH THIS FIXTURE SHOULD BE USED FOR INSTALLATION. ANY MODIFICATIONS TO THE FIXTURE AND/OR THE INCLUDED MOUNTING HARDWARE WILL VOID THE ORIGINAL MANUFACTURER'S WARRANTY AND INCREASE THE RISK OF DAMAGE AND/OR PERSONAL INJURY. ONLY CERTIFIED PERSONNEL SHOULD PERFORM INSTALLATION OF THIS FIXTURE.

- PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.
- THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT.
- DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.
- DO NOT PLUG FIXTURE INTO A DIMMER PACK!
- NEVER OPEN THIS FIXTURE WHILE IN USE!
- UNPLUG POWER BEFORE SERVICING FIXTURE!
- NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!
- KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!
- NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
- RETINA INJURY RISK - MAY INDUCE BLINDNESS!
- SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!
- MINIMUM DISTANCE TO OBJECTS/SURFACES IS 6.6 FEET (2 METERS)
- **MAXIMUM AMBIENT TEMPERATURE IS 113° F (45°C). DO NOT OPERATE THE DEVICE WHEN AMBIENT TEMPERATURE EXCEEDS THIS VALUE.**
- **MINIMUM DISTANCE TO FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER).**
- DO NOT TOUCH the fixture housing during operation. Turn OFF the power and allow approximately 60 minutes for the fixture to cool down before servicing.
- DO NOT shake fixture, and avoid brute force when installing and/or operating fixture.
- DO NOT operate fixture if the power cord is frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease. NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of the same power rating.
- DO NOT block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.
- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always install fixture with an appropriately rated safety cable.
- Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure.
- Only handle the power cord by the plug end. Never pull out the plug by tugging the wire portion of the cord.
- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.
- Consistent operational breaks will ensure fixture will function properly for many years.
- ONLY use original packaging and materials to transport the fixture for service.

OVERVIEW



INSTALLATION



FLAMMABLE MATERIAL WARNING

Keep fixture minimum 5.0 feet (1.5m) away from flammable materials and/or pyrotechnics.



ELECTRICAL CONNECTIONS

A qualified electrician should be used for all electrical connections and/or installations.



MINIMUM DISTANCE TO OBJECTS/SURFACES IS 6.6 FEET (2 METERS).

MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER)

DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

- Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.
- Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.
- Maximum fixture ambient operating temperature is **113°F (45°C)**. Do not use operate the fixture when ambient temperature exceeds this value!
- Fixture(s) should be installed outside walking paths, seating areas, or areas where unauthorized personnel might reach the fixture by hand.
- **NEVER** stand directly below the fixture(s) when rigging, removing, or servicing.
- Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.
- Allow approximately 60 minutes for the fixture to cool down before servicing.

IP RATING

This device is **IP65** rated. This means that the unit is dust-tight, and protected against low-pressure jets of water from any direction.

RIGGING

Overhead rigging requires extensive experience, including calculating working load limits, knowledge about installation materials being used, and periodic safety inspection of all installation material and the fixture, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

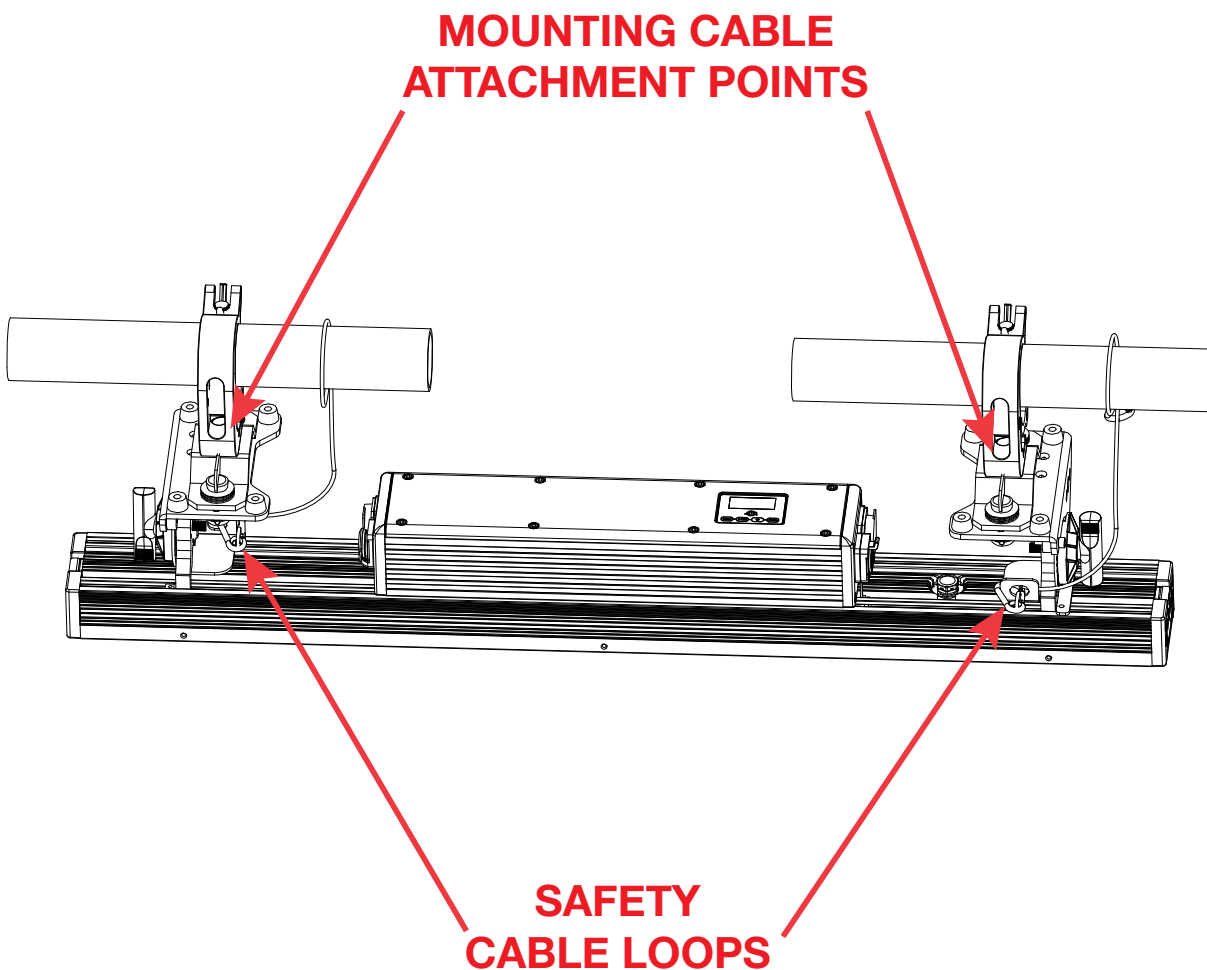
END CAP CONNECTIONS

Ensure **ALL** connections and end caps are properly sealed with a non-conductive dielectric grease (available at most electrical suppliers) to prevent water ingress/condensation and/or corrosion.

INSTALLATION

CLAMP INSTALLATION

This fixture features a mounting point on the foot of each bracket for the attachment of a mounting clamp. There is also a loop for the attachment of a safety cable located on each bracket (see the illustration below). When mounting the fixture to a truss or any other suspended or overhead installation, be sure to secure an appropriately rated clamp (not included) to the yoke, and attach a separate **SAFETY CABLE** of the appropriate weight rating to the safety cable loop. ***Please note that this fixture requires the use of TWO mounting clamps and TWO safety cables that are secured to independent attachment points at all times.***



SAFETY CABLE:
**ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE
IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT
FALL IF THE CLAMP FAILS.**

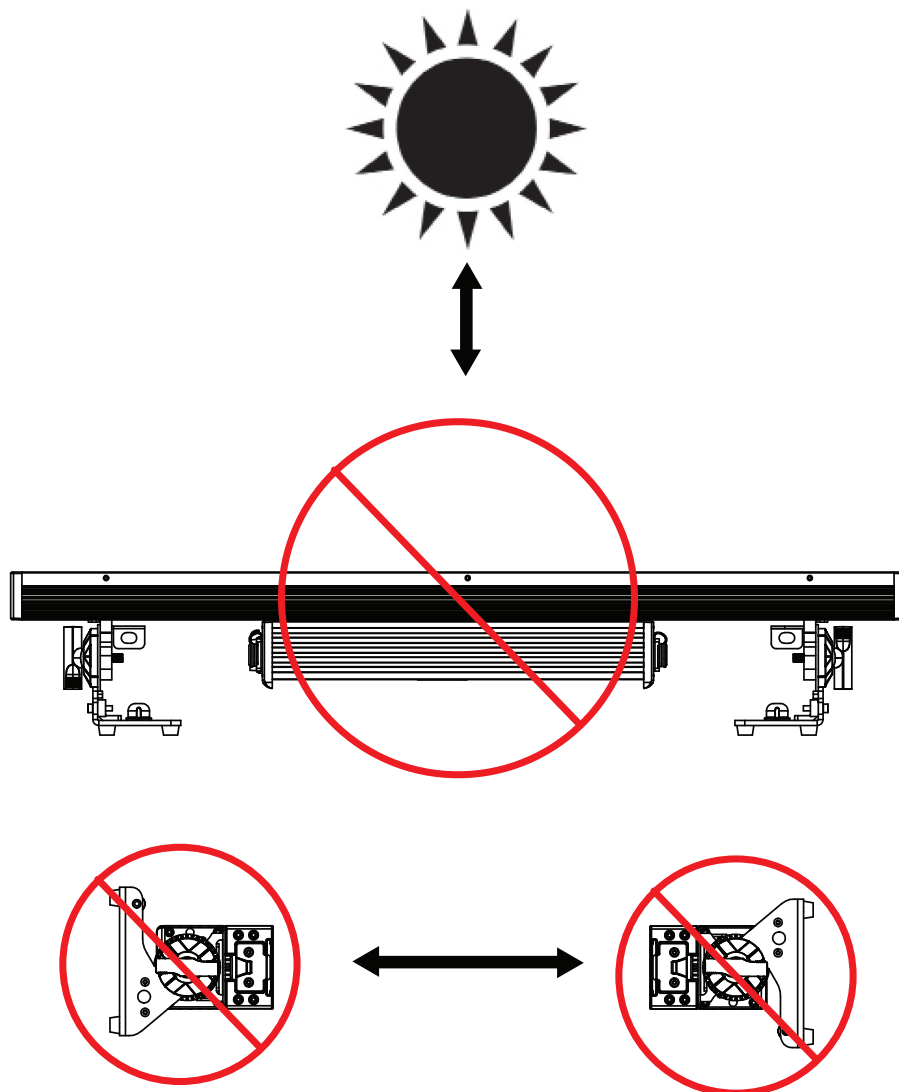
INSTALLATION

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting moving head fixtures, and lasers which are focused directly towards the exterior housing and/or penetrate the front lens opening of ADJ lighting fixtures can cause severe internal damage, including burning of optics, dichroic color filters, glass and metal gobos, prisms, animation wheels, frost filters, irises, shutters, motors, belts, wiring, discharge lamps, and LEDs.

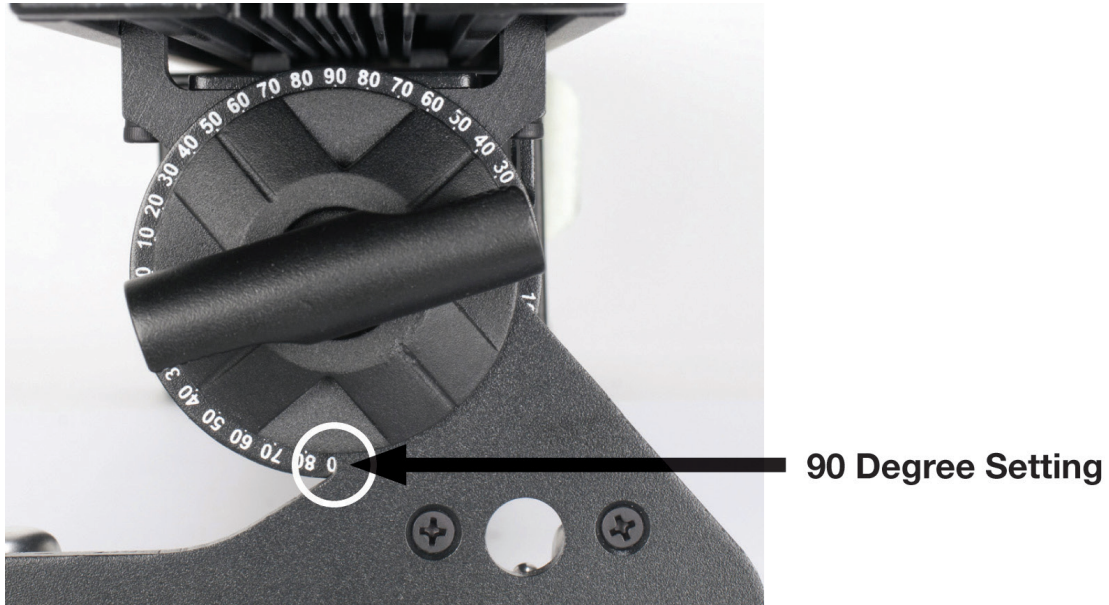
This issue is not unique to ADJ lighting fixtures, but rather it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to completely prevent this issue from happening, the guidelines below can reduce the risk of any potential damage if followed. Contact ADJ Service for more details.

DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING OR MOVING HEAD FIXTURES, AND LASERS DURING UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.



MANUAL TILT ADJUSTMENT

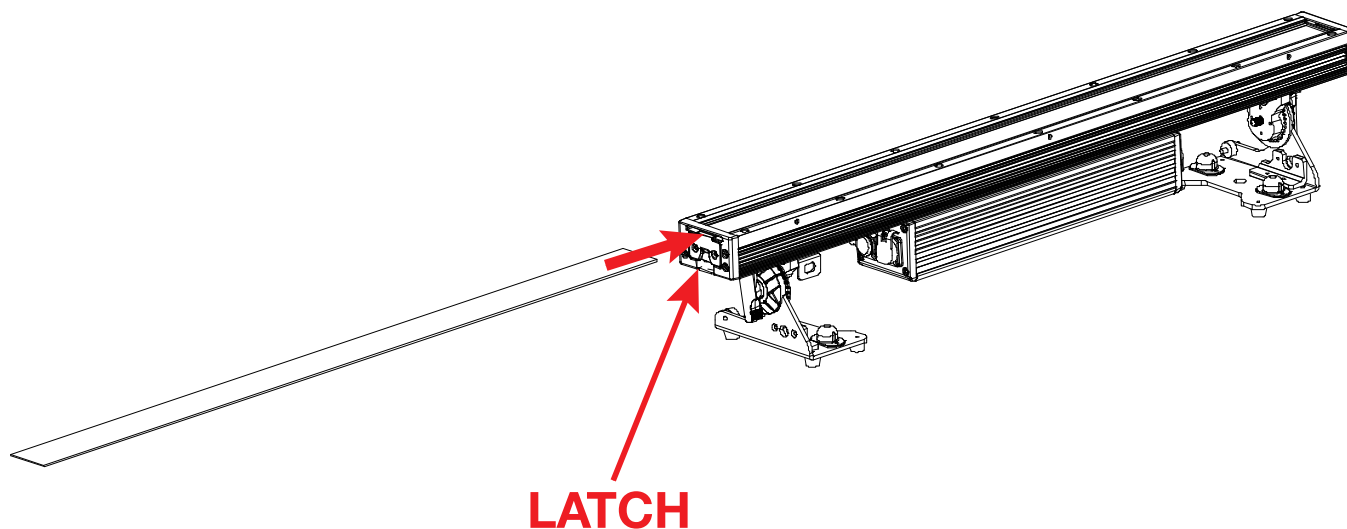
The bar angle is adjustable manually using the brackets located on each side of the unit. Simply loosen the tilt adjustment knobs attached to each mounting bracket and adjust the bracket accordingly. After making your desired set up, securely tighten the tilt adjustment knobs. The image below illustrates a 90-degree configuration.



ACCESSORY INSTALLATION

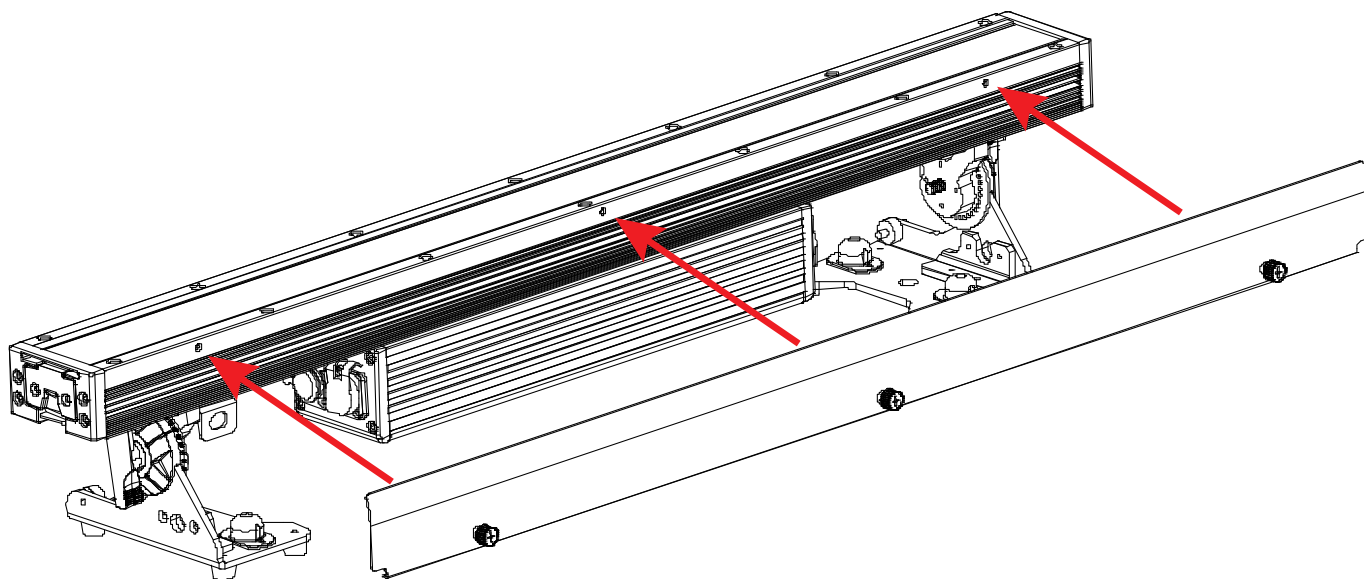
FROST FILTER

In order to install the included frost filter, find the latch located at the end of the light bar. Press down on the latch, and continue to hold it down as the frost filter is inserted into place in the lens frame slot, as shown in the illustration below. When the frost filter has been fully inserted, release the latch to secure the frost filter in place.



GLARE SHIELD

In order to install the included glare shield, begin by locating the three (3) screw holes located along the long side of the lens frame. Align these lens frame holes with the holes on the glare shield, then insert a screw through each hole. Tighten the screws to secure the glare shield in place.



REMOTE DEVICE MANAGEMENT (RDM)

NOTE: In order for RDM to work properly, RDM enabled equipment must be used throughout the entire system, including DMX data splitters and wireless systems.

Remote Device Management (RDM) is a protocol that sits on top of the DMX512 data standard for lighting, allowing the DMX systems of the fixtures to be modified and monitored remotely. This protocol is ideal for instances in which a unit is installed in a location that is not easily accessible.

With RDM, the DMX512 system becomes bi-directional, allowing a compatible RDM enabled controller to send out a signal to devices on the wire, as well as allowing the fixture to respond (known as a GET command). The controller can then use its SET command to modify settings that would typically have to be changed or viewed directly via the unit's display screen, including the DMX Address, DMX Channel Mode, and Temperature Sensors.

Please be aware that **not all RDM devices support all RDM features**, and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

The following parameters are accessible in RDM on this device:

Proxied Device Count	Device Power Cycles
Sensor Definition	Pan Invert
Sensor Value	Tilt Invert
Device Model Description	Pan Tilt Swap
Manufacturer Label	Display Invert
Device Level	Display Level
DMX Personality	Realtime Clock
DMX Personality Description	Power State
Device Hours	Preset Playback
Comms Status	Default Slot Value
Status ID Description	Language
Clear Status ID	Language Capabilities
Lamp Hours	Boot Software Version Label
Lamp Strikes	Boot Software Version ID
Lamp State	Product Detail ID List
Lamp Mode	Status Messages

WIFLY GUIDELINES

WIRELESS SETUP

There are many factors that can affect and/or interrupt a wireless signal, including walls, glass, metal, objects, and people. Therefore, the following guidelines are recommended in order to maximize the chances of having a clear path for the wireless signal to reach the device:

- Install the device a minimum of 9.8 ft (3m) above audiences and/or ground level.
- Arrange the wireless antenna in an upright, vertical position.
- Position devices in direct line of sight of the transmitting controller.

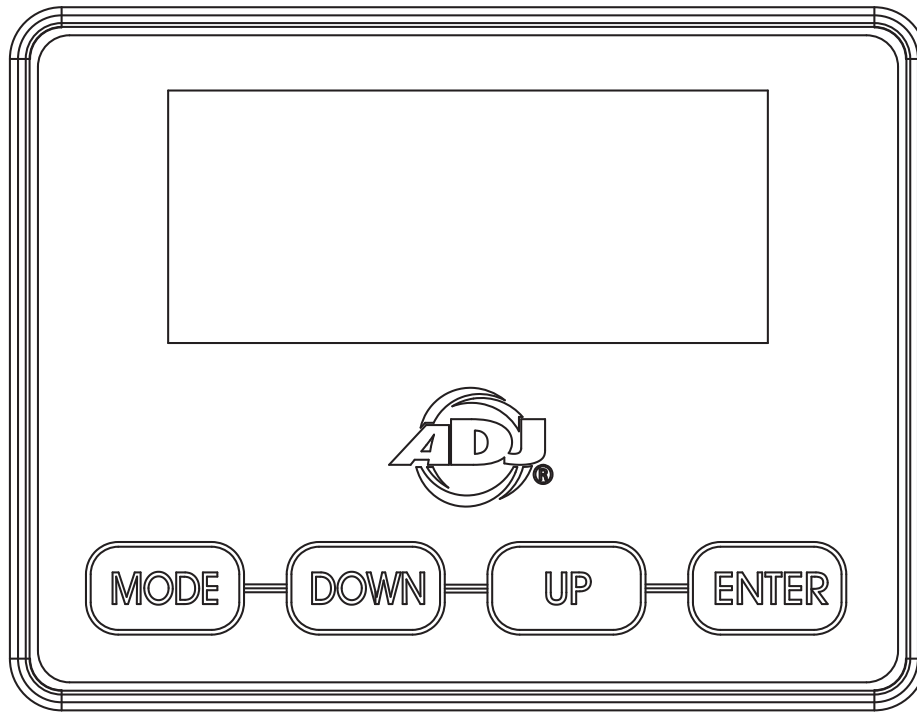
Careful planning and testing of the selected installation location is critical in order to ensure optimized, reliable wireless operation.



CONTROL PANEL

The fixture includes an easy to navigate system menu control panel display where all necessary settings and adjustments are made. (See image below)

- **MODE:** Cycles through the main menu options and/or return to previous menu without making changes.
- **DOWN/UP:** Scroll through options in the selected menu.
- **ENTER:** Select highlighted option and/or confirm selection.



DISPLAY SCREEN LOCK

When the Display Lock setting is set to 1~10min, the display screen will automatically lock if there is no activity for the specified length of time. To unlock the display screen, simply press and hold the MODE button for 3 seconds.

Alternately, when the Display Lock setting is set to OFF, the display screen will never automatically lock. However, it can still be manually locked by pressing and holding the MODE button for 2 seconds. To unlock, press and hold the MODE button for 3 seconds.

SYSTEM MENU

DMX SET	Address	001 - 512		Set DMX address
	Ch. Mode	4ch		Set DMX channel mode
		7ch		
		8ch		
		13ch		
		16ch		
		60ch		
		63ch		
		69ch		
		72ch		
		120ch		
	No DMX	Hold		Holds last settings if DMX signal is lost
		Blackout		Takes all channels to 0 if DMX signal is lost
		Manual		Defaults to manual mode setting if DMX signal is lost
Internal Programs		Defaults to most recently selected internal program if DMX signal is lost		
PERSONALITY	Prim/Sec Mode	Primary / Secondary		
	Select Signal	DMX or Wifly		DMX has priority; green LED = Wifly connected; red LED = Wifly not connected
		Wifly and DMX Out		DMX XLR shall send signal out; green LED = Wifly connected
	Wifly Settings	Wifly Enable	On / Off	
		Set Wifly Channel	00 - 14	
	Pixel Flip	1-15		Pixel Flip off
		15-1		Pixel Flip on
	Fan Set	Auto		
		High		
		Silent		

CONTINUED ON NEXT PAGE

SYSTEM MENU

PERSONALITY (continued)	Dim Mode	Standard			
		Stage			
		TV			
		Archi.			
		Theatre			
		Stage 2			
		Dim Speed	0.1s ~ 10s		
	Dim Curve	Linear			
		Square			
		Inv. Squa.			
		S. Curve			
	LED Rfrsh	900Hz, 1000Hz, 1100Hz, 1200Hz , 1300Hz, 1400Hz, 1500Hz, 2500Hz, 4000Hz, 5000Hz, 10KHz, 15KHz, 20KHz, 25KHz			
	Display	Save Dlay	1- 10		
		Lock	Off , 1min-10min		
	Service	Passcode = 050	Calibrat	All Red 000 - 255	
				All Green 000 - 255	
				All Blue 000 - 255	
				All Lime 000 - 255	
				Red1 000 - 255	
				Green1 000 - 255	
				Blue1 000 - 255	
				Lime1 000 - 255	
				...	
				Red15 000 - 255	
				Green15 000 - 255	
				Blue15 000 - 255	
				Lime15 000 - 255	
CONTINUED ON NEXT PAGE					

SYSTEM MENU

PERSONALITY (continued)	Service (continued)	Passcode = 050	USB Power	On / Off	
			Software Update	Yes / No	
			Restore	Yes / No	
MANUAL	Red	000 - 255			Manually adjust red
	Blue	000 - 255			Manually adjust green
	Green	000 - 255			Manually adjust blue
	Lime	000 - 255			Manually adjust lime
	ClrMacro	00 - 64			Select color macro
	ClrTemp	000 - 255			Set color temperature
	Strobe	000 - 255			Select strobe setting
	MastrDim	000 - 255			Set master dimmer
	AutoProg	000 - 255			Select Auto Program
	ProgSpd	000 - 255			Set program speed
	ProgFade	000 - 255			Set program fade
INTPROGS	Prog 0	Speed	000 - 255		
		Fade	000 - 255		
		Sound	On / Off	000 - 255	
	Prog 1	Speed	000 - 255		
		Fade	000 - 255		
		Sound	On / Off	000 - 255	
		
	Prog 13	Speed	000 - 255		
		Fade	000 - 255		
		Sound	On / Off	000 - 255	
INFO	Hours	PwrOnHr1	xxxxxx Hours		Total hours fixture has been powered on. Non resettable
		PwrOnHr2	xxxxxx Hours		Number of hours fixture has been powered on since last reset. Resettable
		PwrOnRst	Passcode = 050		Reset power on time
	Temp	xxx°	xxx F / xxx C		Current LED temp
		MaxTemp1	xxx F / xxx C		Current max LED temp since last reset. Resettable
		MaxTemp2	xxx F / xxx C		All time max LED temp. Non resettable
		Temp Rst.	Yes / No	Passcode = 050	Reset LED temp
	Humidity	xxx %			Current head humidity
CONTINUED ON NEXT PAGE					

SYSTEM MENU

INFO (continued)	Fan Info	Fan1 RPM	xxxx	
		Fan2 RPM	xxxx	
	DMX Values	Red		Displays current DMX value for each channel
		Green		
		...		
		AutoProg		
	SoftVers	x.xx		

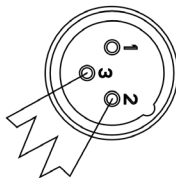
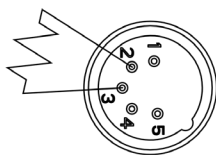
DMX SETUP

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA “IN” and DATA “OUT” XLR terminals located on all DMX fixtures (most controllers only have a DATA “OUT” terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, try to use the shortest cable path possible when using several DMX fixtures. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example, a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line: at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX Operation): The Encore LB15IP can be controlled via DMX-512 protocol, and features multiple DMX channel modes. Your unit and your DMX controller require a 5-pin XLR connector for data input and data output. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional lighting stores). Your cables should be made with a male XLR connector at one end and a female XLR connector at the other. Also remember that DMX cable must be daisy chained and cannot be split.

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the chances of erratic behavior.



A DMX512 terminator reduces signal errors, avoiding most signal reflection interference. Connect PIN 2 (DMX-) and PIN 3 (DMX+) of the last fixture in series with a 120 Ohm, 1/4 W Resistor to terminate the DMX512.

DMX SETUP

DMX ADDRESSING

All fixtures should be given a DMX starting address when operating with a DMX controller, in order to ensure that the correct fixture responds to the correct control signal. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control signal sent out from the DMX controller. The starting DMX address is configured by setting the correct DMX address on the control panel display on the fixture.

You can set the same starting address for multiple fixtures, or set different addresses for each individual fixture. Setting multiple fixtures to the same DMX address will cause all those fixtures to react in the same way. In this case, please note that changing the settings of one channel will affect all the fixtures simultaneously.

If you set each fixture to a different DMX address, each unit will start to “listen” to the channel number you have set, based on the quantity of DMX channels of each fixture. That means changing the settings of one channel will only affect the selected fixture.

As an example, when operating this device in 4 channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 5 (1 + 4), the third unit to 9 (1 + 4 + 4), and so on. (See the chart below for more details.)

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
4 Channels	1	5	9	13
7 Channels	1	8	15	22
8 Channels	1	9	17	25
13 Channels	1	14	27	40
16 Channels	1	17	33	49
60 Channels	1	61	121	181
63 Channels	1	64	127	190
69 Channels	1	70	139	208
72 Channels	1	73	145	217
120 Channels	1	121	241	361

DMX TRAITS

CHANNEL										DMX VALUE	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
1	1	1	1	1						000 - 255	All Red , 0% to 100%
		2								000 - 255	All Red Fine
2	2	3	2	2						000 - 255	All Green , 0% to 100%
		4								000 - 255	All Green Fine
3	3	5	3	3						000 - 255	All Blue , 0% to 100%
		6								000 - 255	All Blue Fine
4	4	7	4	4						000 - 255	All Lime , 0% to 100%
		8								000 - 255	All Lime Fine
					1	1	1	1	1	000 - 255	Red1 , 0% to 100%
									2	000 - 255	Red1 Fine
					2	2	2	2	3	000 - 255	Green1 , 0% to 100%
									4	000 - 255	Green1 Fine
					3	3	3	3	5	000 - 255	Blue1 , 0% to 100%
									6	000 - 255	Blue1 Fine
					4	4	4	4	7	000 - 255	Lime1 , 0% to 100%
									8	000 - 255	Lime1 Fine
					5	5	5	5	9	000 - 255	Red2 , 0% to 100%
									10	000 - 255	Red2 Fine
					6	6	6	6	11	000 - 255	Green2 , 0% to 100%
									12	000 - 255	Green2 Fine
					7	7	7	7	13	000 - 255	Blue2 , 0% to 100%
									14	000 - 255	Blue2 Fine
					8	8	8	8	15	000 - 255	Lime2 , 0% to 100%
									16	000 - 255	Lime2 Fine
					9	9	9	9	17	000 - 255	Red3 , 0% to 100%
									18	000 - 255	Red3 Fine
					10	10	10	10	19	000 - 255	Green3 , 0% to 100%
									20	000 - 255	Green3 Fine
					11	11	11	11	21	000 - 255	Blue3 , 0% to 100%
									22	000 - 255	Blue3 Fine
					12	12	12	12	23	000 - 255	Lime3 , 0% to 100%
									24	000 - 255	Lime3 Fine
					13	13	13	13	25	000 - 255	Red4 , 0% to 100%
									26	000 - 255	Red4 Fine
					14	14	14	14	27	000 - 255	Green4 , 0% to 100%

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
									28	000 - 255	Green4 Fine
					15	15	15	15	29	000 - 255	Blue4, 0% to 100%
									30	000 - 255	Blue4 Fine
					16	16	16	16	31	000 - 255	Lime4, 0% to 100%
									32	000 - 255	Lime4 Fine
					17	17	17	17	33	000 - 255	Red5, 0% to 100%
									34	000 - 255	Red5 Fine
					18	18	18	18	35	000 - 255	Green5, 0% to 100%
									36	000 - 255	Green5 Fine
					19	19	19	19	37	000 - 255	Blue5, 0% to 100%
									38	000 - 255	Blue5 Fine
					20	20	20	20	39	000 - 255	Lime5, 0% to 100%
									40	000 - 255	Lime5 Fine
					21	21	21	21	41	000 - 255	Red6, 0% to 100%
									42	000 - 255	Red6 Fine
					22	22	22	22	43	000 - 255	Green6, 0% to 100%
									44	000 - 255	Green6 Fine
					23	23	23	23	45	000 - 255	Blue6, 0% to 100%
									46	000 - 255	Blue6 Fine
					24	24	24	24	47	000 - 255	Lime6, 0% to 100%
									48	000 - 255	Lime6 Fine
					25	25	25	25	49	000 - 255	Red7, 0% to 100%
									50	000 - 255	Red7 Fine
					26	26	26	26	51	000 - 255	Green7, 0% to 100%
									52	000 - 255	Green7 Fine
					27	27	27	27	53	000 - 255	Blue7, 0% to 100%
									54	000 - 255	Blue7 Fine
					28	28	28	28	55	000 - 255	Lime7, 0% to 100%
									56	000 - 255	Lime7 Fine
					29	29	29	29	57	000 - 255	Red8, 0% to 100%
									58	000 - 255	Red8 Fine
					30	30	30	30	59	000 - 255	Green8, 0% to 100%
									60	000 - 255	Green8 Fine
					31	31	31	31	61	000 - 255	Blue8, 0% to 100%
									62	000 - 255	Blue8 Fine

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
					32	32	32	32	63	000 - 255	Lime8 , 0% to 100%
									64	000 - 255	Lime8 Fine
					33	33	33	33	65	000 - 255	Red9 , 0% to 100%
									66	000 - 255	Red9 Fine
					34	34	34	34	67	000 - 255	Green9 , 0% to 100%
									68	000 - 255	Green9 Fine
					35	35	35	35	69	000 - 255	Blue9 , 0% to 100%
									70	000 - 255	Blue9 Fine
					36	36	36	36	71	000 - 255	Lime9 , 0% to 100%
									72	000 - 255	Lime9 Fine
					37	37	37	37	73	000 - 255	Red10 , 0% to 100%
									74	000 - 255	Red10 Fine
					38	38	38	38	75	000 - 255	Green10 , 0% to 100%
									76	000 - 255	Green10 Fine
					39	39	39	39	77	000 - 255	Blue10 , 0% to 100%
									78	000 - 255	Blue10 Fine
					40	40	40	40	79	000 - 255	Lime10 , 0% to 100%
									80	000 - 255	Lime10 Fine
					41	41	41	41	81	000 - 255	Red11 , 0% to 100%
									82	000 - 255	Red11 Fine
					42	42	42	42	83	000 - 255	Green11 , 0% to 100%
									84	000 - 255	Green11 Fine
					43	43	43	43	85	000 - 255	Blue11 , 0% to 100%
									86	000 - 255	Blue11 Fine
					44	44	44	44	87	000 - 255	Lime11 , 0% to 100%
									88	000 - 255	Lime11 Fine
					45	45	45	45	89	000 - 255	Red12 , 0% to 100%
									90	000 - 255	Red12 Fine
					46	46	46	46	91	000 - 255	Green12 , 0% to 100%
									92	000 - 255	Green12 Fine
					47	47	47	47	93	000 - 255	Blue12 , 0% to 100%
									94	000 - 255	Blue12 Fine
					48	48	48	48	95	000 - 255	Lime12 , 0% to 100%
									96	000 - 255	Lime12 Fine
					49	49	49	49	97	000 - 255	Red13 , 0% to 100%

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
									98	000 - 255	Red13 Fine
					50	50	50	50	99	000 - 255	Green13 , 0% to 100%
									100	000 - 255	Green13 Fine
					51	51	51	51	101	000 - 255	Blue13 , 0% to 100%
									102	000 - 255	Blue13 Fine
					52	52	52	52	103	000 - 255	Lime13 , 0% to 100%
									104	000 - 255	Lime13 Fine
					53	53	53	53	105	000 - 255	Red14 , 0% to 100%
									106	000 - 255	Red14 Fine
					54	54	54	54	107	000 - 255	Green14 , 0% to 100%
									108	000 - 255	Green14 Fine
					55	55	55	55	109	000 - 255	Blue14 , 0% to 100%
									110	000 - 255	Blue14 Fine
					56	56	56	56	111	000 - 255	Lime14 , 0% to 100%
									112	000 - 255	Lime14 Fine
					57	57	57	57	113	000 - 255	Red15 , 0% to 100%
									114	000 - 255	Red15 Fine
					58	58	58	58	115	000 - 255	Green15 , 0% to 100%
									116	000 - 255	Green15 Fine
					59	59	59	59	117	000 - 255	Blue15 , 0% to 100%
									118	000 - 255	Blue15 Fine
					60	60	60	60	119	000 - 255	Lime15 , 0% to 100%
									120	000 - 255	Lime15 Fine
			5	5			61	61		000 - 255	Color Macros , please refer to the Color Macros Chart section of this manual
			6	6			62	62		000 - 255	Color Temperature , 2700K - 7000K Linear
											Color Temperature Macros
										000	Off
										001 - 042	2700K
										043 - 085	3200K
										086 - 128	4000K
										129 - 171	5600K
										172 - 214	6500K
										215 - 255	7000K

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
											<i>Shutter, Strobe</i>
										000 - 031	LEDs Off
										032 - 063	LEDs On
										064 - 095	Strobe effect, slow to fast
	5		8	8		61	64	64		096 - 127	LEDs On
										128 - 159	Pulse effect in sequences
										160 - 191	LEDs On
										192 - 223	Random strobe effect, slow to fast
										224 - 255	LEDs On
	6		9	9		62	65	65		000 - 255	<i>Dimmer Intensity</i> , 0% to 100%
	7		10	10		63	66	66		000 - 255	<i>Dimmer Fine</i>
											<i>Auto Programs</i>
										000 - 010	Off
										011 - 026	Auto Program 1
										027 - 043	Auto Program 2
										044 - 060	Auto Program 3
										061 - 076	Auto Program 4
										077 - 093	Auto Program 5
										094 - 110	Auto Program 6
										111 - 126	Auto Program 7
										127 - 143	Auto Program 8
										144 - 160	Auto Program 9
										161 - 176	Auto Program 10
										177 - 193	Auto Program 11
										194 - 210	Auto Program 12
										211 - 226	Auto Program 13
										227 - 255	No Function
				12				68		000 - 255	<i>Auto Programs Speed</i> , slow to fast
				13				69		000 - 255	<i>Auto Programs Fade</i> , least to most

CONTINUED ON NEXT PAGE

DMX TRAITS

CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
			11	14			67	70			<i>Dim Mode</i>
										000 - 020	Default to unit setting
										021 - 040	Standard
										041 - 060	Stage
										061 - 080	TV
										081 - 100	Architectural
										101 - 120	Theatre
										121 - 140	Stage 2
											<i>Dim Speed</i>
										141	0.1s
										142	0.2s
										143	0.3s
										144	0.4s
										145	0.5s
										146	0.6s
										147	0.7s
										148	0.8s
										149	0.9s
										150	1.0s
										151	1.5s
										152	2.0s
										153	3.0s
										154	4.0s
										155	5.0s
										156	6.0s
										157	7.0s
										158	8.0s
										159	9.0s
										160	10.0s
										161 - 255	Default to unit setting

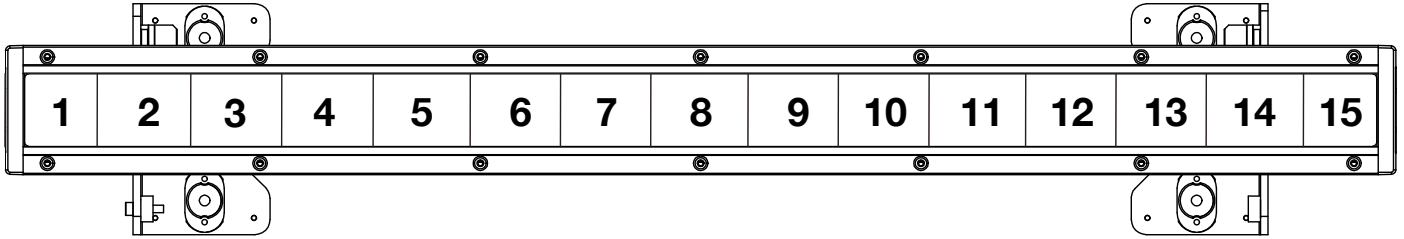
CONTINUED ON NEXT PAGE

DMX TRAITS

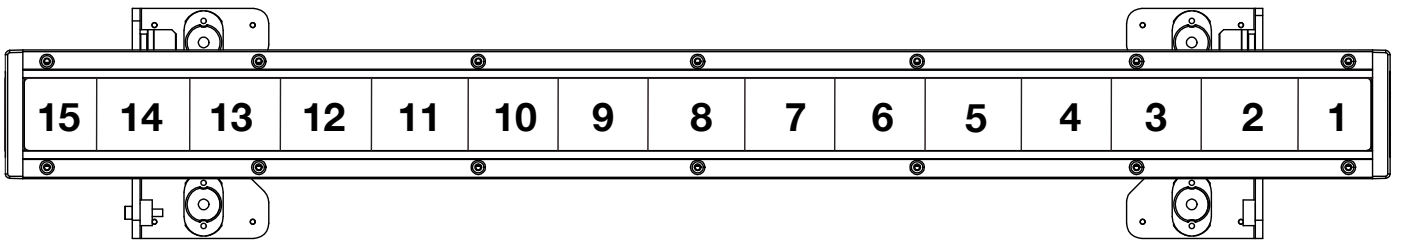
CHANNEL										DMX VALUES	FUNCTION
4 CH	7 CH	8 CH	13 CH	16 CH	60 CH	63 CH	69 CH	72 CH	120 CH		
			12	15			68	71			<i>Dim Curves</i>
										000 - 020	Linear
										021 - 040	Square
										041 - 060	Inv. Squa.
										061 - 080	S. Curve
										081 - 255	No function
			13	16			69	72			<i>Refresh Rates</i>
										000 - 015	Default to unit setting
										016 - 030	900 Hz
										031 - 045	1000 Hz
										046 - 060	1100 Hz
										061 - 075	1200 Hz
										076 - 090	1300 Hz
										091 - 105	1400 Hz
										106 - 120	1500 Hz
										121 - 135	2500 Hz
										136 - 150	4000 Hz
										151 - 165	5000 Hz
										166 - 180	10000 Hz
										181 - 195	15000 Hz
										196 - 210	20000 Hz
										211 - 225	25000 Hz
										226 - 255	No function

PIXEL ZONES

PIXEL FLIP OFF



PIXEL FLIP ON



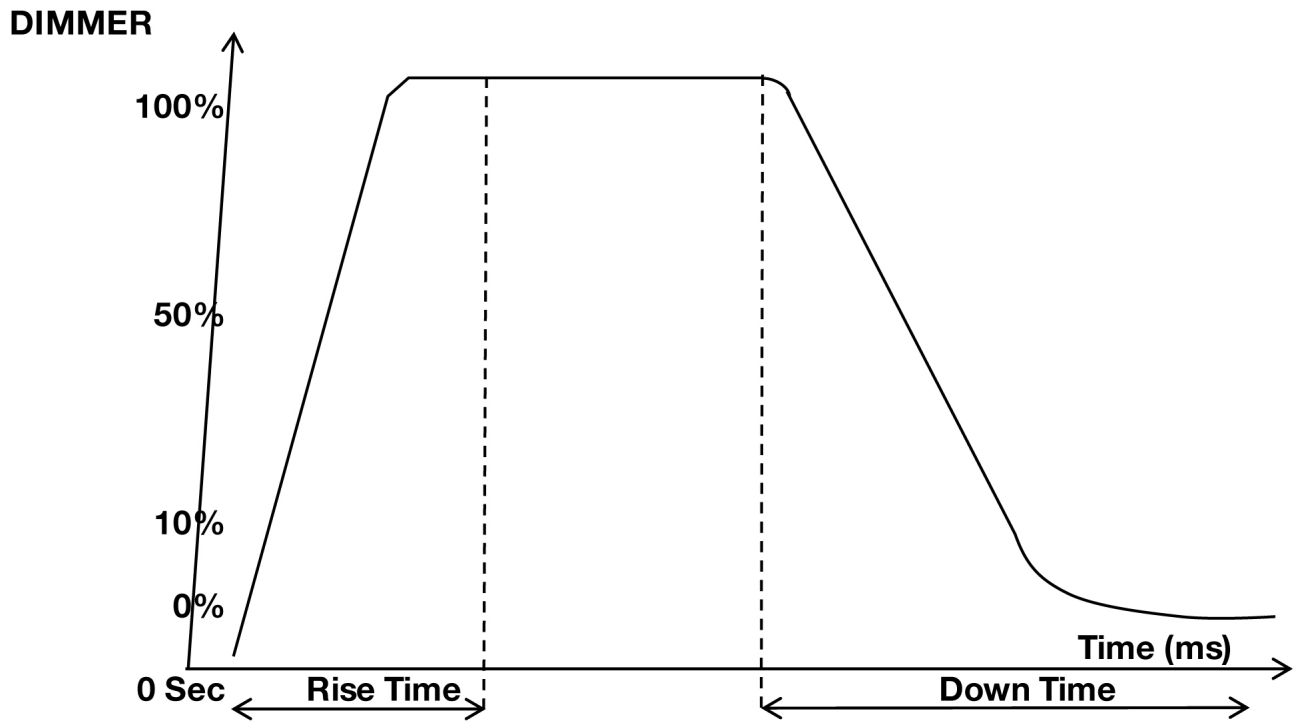
COLOR MACROS CHART

COLOR MACRO NO.	DMX VALUE	RED	GREEN	BLUE	LIME
Off	000	0	0	0	0
1	001 - 004	80	255	234	80
2	005 - 008	80	255	164	80
3	009 - 012	77	255	112	77
4	013 - 016	117	255	83	83
5	017 - 020	160	255	77	77
6	021 - 024	223	255	83	83
7	025 - 028	255	243	77	77
8	029 - 032	255	200	74	74
9	033 - 036	255	166	77	77
10	037 - 040	255	125	74	74
11	041 - 044	255	97	77	74
12	045 - 048	255	71	77	71
13	049 - 052	255	83	134	83
14	053 - 056	255	93	182	93
15	057 - 060	255	96	236	96
16	061 - 064	238	93	255	93
17	065 - 068	196	87	255	87
18	069 - 072	150	90	255	90
19	073 - 076	100	77	255	77
20	077 - 080	77	100	255	77
21	081 - 084	67	148	255	67
22	085 - 088	77	195	255	77
23	089 - 092	77	234	255	77
24	093 - 096	158	255	144	144
25	097 - 100	255	251	153	153
26	101 - 104	255	175	147	147
27	105 - 108	255	138	186	138
28	109 - 112	255	147	251	147
29	113 - 116	151	138	255	138
30	117 - 120	99	0	255	100
31	121 - 124	138	169	255	138
32	125 - 128	255	255	255	255
33	129 - 132	255	206	143	0
34	133 - 136	254	177	153	0
35	137 - 140	254	192	138	0
36	141 - 144	254	165	98	0

COLOR MACROS CHART

COLOR MACRO NO.	DMX VALUE	RED	GREEN	BLUE	LIME
37	145 - 148	254	121	0	0
38	149 - 152	176	17	0	0
39	153 - 156	96	0	11	0
40	157 - 160	234	139	171	0
41	161 - 164	224	5	97	0
42	165 - 168	175	77	173	0
43	169 - 172	119	130	199	0
44	173 - 176	147	164	212	0
45	177 - 180	88	2	163	0
46	181 - 184	0	38	86	0
47	185 - 188	0	142	208	0
48	189 - 192	52	148	209	0
49	193 - 196	1	134	201	0
50	197 - 200	0	145	212	0
51	201 - 204	0	121	192	0
52	205 - 208	0	129	184	0
53	209 - 212	0	83	115	0
54	213 - 216	0	97	166	0
55	217 - 220	1	100	167	0
56	221 - 224	0	40	86	0
57	225 - 228	209	219	182	0
58	229 - 232	42	165	85	0
59	233 - 236	0	46	35	0
60	237 - 240	8	107	222	0
61	241 - 244	255	0	0	0
62	245 - 248	0	255	0	0
63	249 - 252	0	0	255	0
64	253 - 255	0	0	0	255

DIM MODES



Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660

DAISY CHAIN POWER LINKING

These units have the capability to be daisy chained together via the power in/out ports. **The maximum number of units that can be linked together in this manner is as follows:**

- **5 units maximum when running on 120V power.**
- **10 units maximum when running on 220V power.**

DO NOT EXCEED THE NUMBER OF UNITS LISTED ABOVE.

DO NOT MIX MAKE AND MODEL TYPES WHEN DAISY CHAINING! All units that are connected in this manner must be of the same make and model type.

CLEANING AND MAINTENANCE

DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean the external lens surface periodically with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

MAINTENANCE

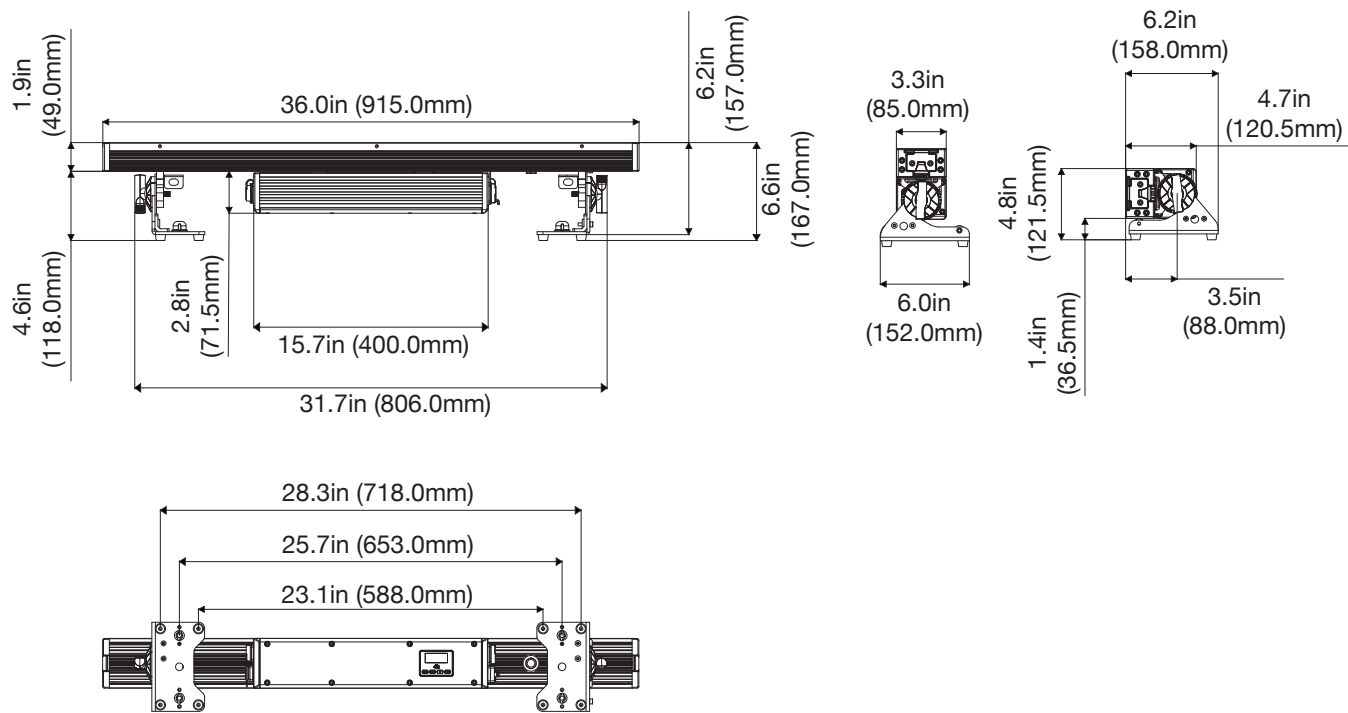
Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized ADJ service technician. Should you need any spare parts, please order genuine parts from your local ADJ dealer.

Please refer to the following points during routine inspections:

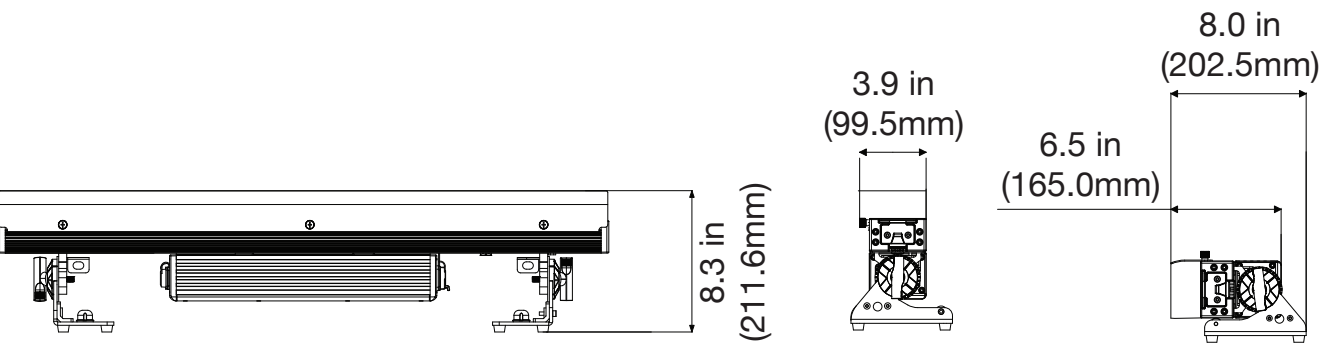
- A detailed electrical check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust or liquids to enter into the fixture. Damaged rigging points or unsecured rigging could cause fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue, or sediments.
- **NEVER** remove the ground prong from the power cable.

DIMENSIONAL DRAWINGS

WITHOUT GLARE SHIELD



GLARE SHIELD INSTALLED (same as above unless otherwise stated)



SPECIFICATIONS

SOURCE:

- 15 x 20-Watt Quad RGBL LED's (4-IN-1: Red, Green, Blue & Lime)

PHOTMETRIC DATA:

- Beam angle: 11° (25° with diffusion filter attached)
- CRI: 89.3
- CRI R9: 69
- Lumens: 5982
- Linear Color Temperature Control (2700K to 7000K)
- Preset Color Temperatures (2700K, 3200K, 4000K, 5600K, 6500K and 7000K)

EFFECTS:

- Individual Pixel Controllable
- 16-Bit Fine Color Control (Red, Green, Blue & Lime)
- 64 built-in Color Macros

CONTROL / CONNECTIONS:

- 4-button, DMX digital display on rear panel
- 5 Operational modes: Static Color Mode, RGBL Dimmer Mode, Program Mode, Sound Active Mode and DMX Controlled
- Supports RDM (Remote Device Management)
- With Wired Digital Communication Network
- 6 selectable Dimming Modes (Standard, Stage, TV, Architectural, Theatre & Stage 2)
- 4 selectable Dim Curves (Linear, Square, Inv. Squa, S-Curve)
- Adjustable Refresh Rate (14 presets from 900 – 25,000Hz)
- Flicker Free operation (No flickering on camera)
- LED pulse and strobe effect
- Electronic Dimming: 0 - 100%
- 10 DMX Modes: 4, 7, 8, 13, 16, 60, 63, 69, 72 & 120 channel
- Adjustable fan modes
- WiFLY EXR Wireless DMX built-in (2500 ft. / 700M line of sight)

CONSTRUCTION:

- IP65 Rated: Ingress Protection against liquid, snow, dust and sand
- All metal construction
- IP Rated rubber covers protect In/Out Locking Power connectors and IP rated 5-pin sockets
- Locking, outdoor IN/Out Power connectors
- Data linkable via 5-pin DMX connections

ELECTRICAL / THERMAL:

- Multi-voltage operation: AC 100-240V, 47/63Hz
- Daisy chain: 5 @ 120V, 10 @ 220V
- Max power: 198W

DIMENSIONS / WEIGHT:

- Dimensions (LxWxH) 5.99" x 36.1" x 8.33" / 152mm x 914.9mm x 211.55mm
- Weight: 19.5 lbs. / 8.85 kg.

APPROVALS / RATINGS:

- cETLus Pending
- IP65

INCLUDED ACCESSORIES:

- Glare Shield
- Locking Outdoor Power Cord

OPTIONAL ACCESSORIES:

- ELB15L20: 20° frost filter for Encore LB15IP
- ELB15L60: 60° frost filter for Encore LB15IP
- ELB15L100: 100° frost filter for Encore LB15IP

Specifications and manual are subject to improvement without prior written notice.

